

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A Grouped Optical Add Drop Multiplexer (GOADM) comprising:

a tunable periodic filter for dropping or adding a group of optical wavelengths from/to a spectrum of optical wavelengths transmitted over an optical line so that adjacent optical wavelengths in the spectrum are initially spaced from one another by a basic wavelength step " s ", wherein said tunable periodic filter is inserted in said optical line as a primary filter and is constructed to pick selected wavelengths of the group such that adjacent wavelengths of the group are spaced from one another by a group step being equal to ks , wherein k is an integer >1 ; and

at least one secondary filter connected to said tunable periodic filter serving as a primary filter, said at least one secondary filter being automatically tunable in response to tuning of said tunable periodic filter.

2. (Canceled)

3. (Previously presented) The GOADM according to Claim 1, wherein said at least one secondary filter is responsible for dropping or adding one particular wavelength from/to said group.

4-7. (Canceled)

8. (Previously presented) A Grouped Optical Add Drop Multiplexer (GOADM) comprising:

a tunable periodic filter for dropping and adding a group of optical wavelengths from/to a spectrum of optical wavelengths transmitted over an optical line so that adjacent optical wavelengths in the spectrum are initially spaced from one another by a basic wavelength step " s ", wherein said tunable periodic filter is inserted in the optical line as a primary filter and is constructed to pick selected wavelengths of the group such that adjacent wavelengths of the group are spaced from one another by a group step being equal to ks , wherein k is an integer >1 ;

a first assembly comprising at least one secondary drop filter connected to said tunable periodic filter for dropping a particular wavelength from the group, said at least one secondary drop filter being automatically tunable in response to tuning of said tunable periodic filter; and

Appln. No. 09/883,341
Amd. dated October 11, 2005
Reply to Office Action of August 23, 2005

a second assembly comprising at least one secondary
add filter connected to said tunable periodic filter for
adding a particular wavelength to the group, said at least one
secondary add filter being automatically tunable in response
to tuning of said tunable periodic filter.

9. (Canceled)